

TO: SINGLAG@AOL.COM

=====

This Text Transfer Message generated by the  
Universal Public Workstation System (UPWS)  
at the U.S. Patent and Trademark Office

=====

The message was built by UPWS user 'GORA SINGLA'  
\*\*\*\*\* START OF MESSAGE BODY \*\*\*\*\*

DERWENT-ACC-NO: 1988-313801

DERWENT-WEEK: 198844

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Band-stop filter e.g. for microwave frequency range - has regulated discontinuities introduced in each piece of rectangular waveguide

INVENTOR: BOBRYSHEV, V D; DMITRIEV, V M ; PRENTSLAU, N N

PATENT-ASSIGNEE: AS UKR LOW TEMP PHYSICS[AULO]

PRIORITY-DATA: 1982SU-3513310 (November 19, 1982)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

SU 1392603 A

April 30, 1988

N/A

003

N/A

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE

SU 1392603A

N/A

1982SU-3513310

November 19, 1982

INT-CL (IPC): H01P001/20

ABSTRACTED-PUB-NO: SU 1392603A

BASIC-ABSTRACT:

The system comprises the circular waveguide (9) with its regulated length, input (1) and output (2) horn transitions from rectangular to circular waveguides set with rotational capabilities, pieces of rectangular waveguides (3,4) joined to ends of transitions (1,2). The ratio between the output transition (2) to the input transition (1) length lies within limits of 0.4 to 0.8, and each piece of the rectangular waveguide (3,4) has regulated discontinuities. USE/ADVANTAGE - In microwave technique for narrow-band frequency rejection filters, automatic frequency tuning systems and a measuring technique. Tuning for max. steepness of amplitude-frequency and phase characteristics simplified. Bul.16/30.4.88.